

Amendments to the Specification

Please add the following paragraph before the first paragraph beginning at page 1, line 1:

CROSS REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of U.S. provisional application serial no. 60/451,557 filed March 3, 2003, which is incorporated herein by reference.

Please substitute the paragraph beginning at line 2, page 8 of the specification with the following paragraph:

The target 2030 of the anode is connected to a shaft 40, which is supported by bearings 42 in a neck portion 44 of the evacuated envelope 26 and driven by an induction motor 46. The induction motor includes a stator 48, outside the envelope, which rotates a rotor 50 connected to the shaft relative to a stationary bearing housing 52. The anode is rotated at high speed during operation of the tube. It is to be appreciated that the invention is also applicable to other devices which operate under similar conditions as well as stationary anode x-ray tubes, rotating cathode tubes, and other electrode vacuum tubes.